

In the Claims

Please amend the Claims 1-3, 5, 7-17, 19-21 and add new Claim 22 as follows:

1. (Currently Amended) A power converter, comprising:
~~an input adapted for to receive receiving an AC input signal and a DC input signal;~~
circuitry coupled to said input and responsive to said input AC input signal providing a converted DC signal ~~and responsive to said DC input signal providing said converted DC signal,~~ said converted DC signal having electrical characteristics which are selectable;
programming circuitry having a selectively programmable memory ~~for adapted to store storing~~ a selection code, said programming circuitry coupled with said circuitry and cooperable therewith ~~for adapted to establish imposing select an electrical characteristics upon of~~ said converted DC signal based on said selection code; and
an output coupled to said circuitry and providing said converted DC signal, the converted DC signal adapted to power a portable electronic device, said output comprising a connector physically adapted to connect to the portable electronic device.
2. (Currently Amended) The power converter as specified in Claim 1, wherein said electrical characteristics comprises one of:
signal voltage, signal current, signal power, signal polarity, and over-voltage protection threshold.
3. (Currently Amended) The power converter as specified in Claim 1, wherein said programming circuitry comprises a variable resistive element having a such that values of resistance ~~are selected~~ based on said selection code, and wherein said each value of resistance establishes a corresponding signal voltage ~~for of~~ of said converted DC signal.
4. (Original) The power converter as specified in Claim 1, wherein said memory is configured to be removable from said programming circuitry.

5. (Currently Amended) The power converter as specified in Claim 1, wherein said memory is adapted to be programmed when said memory is ~~one of~~ coupled with said programming circuitry ~~and de-coupled from said programming circuitry.~~
6. (Original) The power converter as specified in Claim 1, wherein said memory is an electrically-programmable read-only memory (EPROM).
7. (Currently Amended) The power converter as specified in Claim 1, wherein said programming circuitry further has an input adapted to receive for receiving a programming signal indicative of said selection code, and responsive thereto, storing said selection code in said memory.
8. (Currently Amended) The power converter as specified in Claim 7, wherein said programming circuitry input is adapted to receive the for receiving program signaling from a programming controller remotely via the Internet.
9. (Currently Amended) The power converter as specified in Claim 7, wherein said programming circuitry is further adapted to receive for receiving program signaling from one of: an optical signaling device, a magnetic induction signaling device, an acoustic signaling device, and direct connection signaling devices.
10. (Currently Amended) The power converter as specified in Claim 1 further comprising a plug-in device coupled to said programming circuitry and adapted to receive for receiving said memory and for coupling with said programming circuitry.

11. (Currently Amended) A power converter system, comprising:
an input adapted to receive for receiving an AC input signal and a DC input signal;
circuitry coupled to said input and responsive to said AC input signal providing a
converted DC signal and responsive to said DC input signal providing said converted DC signal,
wherein said converted DC signal has a selectable electrical characteristics;
programming circuitry coupled with said circuitry and cooperable therewith adapted to
establish for imposing select an electrical characteristics upon of said converted DC signal based
on a selection code;
a coupler coupled to said programming circuitry, said coupler having a socket adapted to
receive a removable memory and couple said memory to and said programming circuitry,
wherein said selection code is provided from said memory; and
an output coupled to with said programming circuitry adapted to output for outputting
said converted DC signal, the converted DC signal adapted to power a portable electronic device,
the output comprising a connector physically adapted to connect to the portable electronic
device.
12. (Currently Amended) The system as specified in Claim 11, wherein said selection code
is indicative of an electrical characteristic selection and is readable from said memory by said
programming circuitry for adapted for selecting imposing said electrical characteristic selection
upon said converted DC signal.
13. (Currently Amended) The system as specified in Claim 11, wherein said memory is
adapted for to programming of said selection code when said memory is one of inserted into said
coupler and removed from said coupler.
14. (Currently Amended) The system as specified in Claim 11, wherein said memory is
adapted to receive for receiving program signaling and be reprogramable by from one of:
an optical signaling device, a magnetic induction signaling device, an acoustic signaling
device, and direct connection signaling devices.

15. (Currently Amended) The system as specified in Claim 11, wherein said memory is adapted to receive for receiving program signaling from a programming controller remotely via the Internet.
16. (Currently Amended) The system as specified in Claim 11 further comprising a variable resistive element having a values of resistance which is are effectuated based on said electrical characteristic selection, wherein the each value of resistance establishes a corresponding signal voltage for of said converted DC signal.
17. (Currently Amended) The system as specified in Claim 11, wherein said programming circuitry further has an input adapted to receive for receiving a programming signal indicative of said selection code and responsive thereto storing said selection code in said memory.
18. (Original) The system as specified in Claim 11, wherein said memory is an erasable-programmable read-only memory (EPROM) and said coupling is a plug-in device adapted to receive said EPROM.

19. (Currently Amended) The system as specified in Claim 11, wherein said electrical characteristics comprises one of:
- signal voltage, signal current, signal power, signal polarity, and over-voltage protection threshold.

20. (Currently Amended) A power converter, comprising:
an input adapted to receive for receiving an AC signal;
circuitry coupled to said input and responsive to said AC signal adapted to convert for
converting said AC signal to a DC signal, said DC signal having electrical characteristics which
are selectable;
programming circuitry coupled to having a programmable memory adapted to store for
storing a selection code, said programming circuitry coupled with said circuitry and cooperable
therewith adapted to establish an for imposing select electrical characteristics upon of said DC
signal based on said selection code.; and
an output outputting said DC signal adapted to power a portable electronic device, the
output having a connector physically adapted to couple to the portable electronic device.
21. (Currently Amended) A power converter, comprising:
an input adapted to receive for receiving a DC input signal;
circuitry coupled to said input and responsive to said DC input signal adapted to convert
for converting said DC input signal to another DC signal, said another DC signal having an
electrical characteristics which is are selectable;
programming circuitry having coupled to a programmable memory adapted to store for
storing a selection code, said programming circuitry coupled with said circuitry and cooperable
therewith adapted to establish an for imposing select electrical characteristics upon said another
DC signal based on said selection code.; and
an output outputting said DC signal adapted to power a portable electronic device, the
output having a connector physically adapted to couple to the portable electronic device.

22. (New) A power converter, comprising:

an input adapted to receive an AC signal;

circuitry coupled to the input and responsive to the AC signal adapted to convert the AC signal to a DC signal, the DC signal having an electrical characteristic which is selectable;

programming circuitry having a selection code, the programming circuitry coupled with the circuitry and cooperable therewith adapted to establish an electrical characteristic upon the DC signal based on the selection code, the programming circuitry further having an input adapted to receive a programming signal from remote of the power converter and selectively establish the selection code; and

an output outputting the DC signal being adapted to power a portable electronic device, the output having a connector physically adapted to couple to the portable electronic device.